Index of Claims

| Applicat | tion/C | ontrol | No. |
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10/751,451

Examiner

Phuong Huynh

Applicant(s)/Patent under Reexamination

KAWAI ET AL.

Art Unit

1644

| <b>√</b> | Rejected |
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| 1        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
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| ÷ | Restricted                     |

| 1 | V | Non-Elected  |
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|   | ı | Interference |

| Α | Appeal   |
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| LC   | aim      | Date   |          |              |  |  |  |  | l  | Claim Date      |   |                        |          |  |          |          |          |           | Claim Date |               |          |            |          |          |          |          |          |           |          |                |                |          |   |
|--|----------|--|----------|--------------|--|--|--|--|--|-----------------|---|------------------------|----------|--|----------|----------|----------|-----------|------------|---------------|----------|------------|----------|----------|----------|----------|----------|-----------|----------|----------------|----------------|----------|---|
| <u> </u>   | · ·      |  | 1        |              | Τ-   |  | Ť  | Т  |  | Π               |   |                        |          |  |          |          |          | -         |            | _             | آ        |            | ĹΠ       |          |          |          |          |           |          |                |                |          |   |
| Final  | Original | 10/27/06   |          |              |  |  |  |  |  |                 |   | Final                  | Original |  |          |          |          |           |            |               |          |            | Final    | Original |          |          |          |           |          |                |                |          |   |
|  | 1        | V  | _        |              |  |  | T  |  |  |                 |   |                        | 51       |  |          |          |          |           |            | $\neg$        |          |            |          | 101      |          |          | ┪        |           |          |                |                |          |   |
|  | 2        | V  |          |              |  |  |  | Т  | T  | Г               |   |                        | 52       | $\overline{}$                                    | $\vdash$ |          | _        | $\neg$    |            | 一             |          | _          |          | 102      | $\Box$   | 7        | ╗        |           |          |                |                |          |   |
|  | 3        | V  | <b>-</b> |              |  | 1-   | 1  | T  | $\vdash$   | Г               |   | •                      | 53       |  |          | М        |          |           | T          |               | 一        | <b>一</b> 「 |          | 103      |          | _        | _        |           |          |                |                |          |   |
|  | 4        | V  |          |              |  | t  | <u> </u>   | T  | T  | Т               |   |                        | 54       |  |          |          |          |           | _          | 寸             | _        | _          |          | 104      | $\Box$   | 寸        | _        | _         |          |                |                |          |   |
|  | 5        | Ν  |          |              |  |  |  | 1  |  |                 |   |                        | 55       |  |          |          |          |           | ┪          | 7             | _        | _          |          | 105      |          | 寸        | 寸        |           | $\dashv$ | $\neg$         |                |          |   |
|  | 6        | V  |          |              |  |  |  | 1  | $\vdash$   | T               | ĺ |                        | 56       |  | _        |          |          |           | 7          |               | $\neg$   | _          |          | 106      | 1        | _        | _        | $\dashv$  |          |                | 寸              |          | _ |
|  | 7        | V  |          |              | _  | <del>                                     </del> | T-   |  | _  | _               |   |                        | 57       |  |          |          |          |           | $\dashv$   |               | $\neg$   | ┪ .        |          | 107      |          | 1        | _        | 一         |          |                | $\neg$         |          |   |
|  | 8        | V  |          |              |  | t  |  | 1  |  |                 | - |                        | 58       |  |          |          |          |           | 一          | 7             | 一        | <b>-</b>   |          | 108      |          | _        |          | $\dashv$  |          |                | $\neg$         |          |   |
|  | 9        | V  |          |              |  | <b> </b>   | 1  | 1  | _  | $\vdash$        | İ |                        | 59       |  |          | П        |          |           | 7          |               | ヿ        | ┪.         |          | 109      |          | $\dashv$ | 寸        | $\exists$ | $\neg$   |                | ┪              |          | _ |
|  | 10       | V  |          |              |  | 1  | T -  | T  | <del>                                     </del> |                 | 1 |                        | 60       |  |          |          |          |           |            |               | $\neg$   |            |          | 110      |          | 7        | 7        | T         |          | $\neg$         | _              |          |   |
|  | 11       | V  |          |              |  |  |  |  | İ  |                 |   |                        | 61       | ✝  |          |          |          | $\exists$ | $\neg$     |               | $\dashv$ | $\neg$     |          | 111      |          | 1        |          | ヿ         | T        |                |                |          |   |
|  | 12       | V  |          |              |  |  |  |  |  |                 |   |                        | 62       | -  |          |          |          |           | 寸          | 寸             | 一        | _          |          | 112      | $\dashv$ | _        | _        | $\dashv$  |          |                | $\dashv$       |          |   |
|  | 13       | V  |          |              |  | T  |  |  | 1  |                 | ĺ |                        | 63       |  |          | П        |          |           |            |               | _        | _          | -        | 113      |          | $\dashv$ | $\dashv$ | $\neg$    | $\neg$   |                |                |          | _ |
|  | 14       |  |          |              |  | 1  | t  | 1  | Ì  | П               | 1 |                        | 64       |  | П        |          |          |           | _          | $\dashv$      |          | ┨.         |          | 114      | $\Box$   | $\dashv$ | _        | $\neg$    |          |                | $\neg$         |          |   |
|  | 15       |  |          | _            |  |  |  |  |  |                 |   |                        | 65       | <u> </u>   | -        |          | _        |           | ┪          | 寸             | ┪        | _          |          | 115      |          | $\neg$   | _        |           |          | T              | $\dashv$       |          |   |
|  | 16       |  |          |              |  |  |  |  |  |                 |   |                        | 66       | _  |          |          | _        |           | T          | 寸             | $\dashv$ | _          |          | 116      |          | _        | 7        | $\neg$    | $\dashv$ |                | $\neg$         |          |   |
|  | 17       | _  | ┢        | _            | $\vdash$   | T  | 1  | T  |  |                 |   |                        | 67       |  |          |          |          | T         | 7          | 7             | _        |            |          | 117      |          | 7        | 寸        |           | _        |                | $\dashv$       |          |   |
|  | 18       |  |          |              |  |  |  |  |  |                 |   |                        | 68       | <u> </u>   | $\vdash$ | Н        | _        |           | 寸          | $\dashv$      | ┪        | $\dashv$   |          | 118      | -t       | $\dashv$ | 寸        | $\dashv$  |          | $\dashv$       | $\dashv$       |          |   |
|  | 19       | H  |          |              |  |  | <u> </u>   |  |  |                 |   | -                      | 69       | _  | _        | _        | _        | $\vdash$  | T          | T             | ┪        | $\dashv$   | $\vdash$ | 119      |          | _        | -        | 一         | $\dashv$ | $\dashv$       | $\dashv$       | $\neg$   | _ |
|  | 20       |  |          | -            |  | <del> </del>                                     | $\vdash$   | $\vdash$   | ╁  | H               |   |                        | 70       |  |          | $\vdash$ |          |           | $\neg$     | -             | _        | -          | -        | 120      | - t      | +        | 7        | -         | -        | -              |                | $\dashv$ |   |
|  | 21       | -  |          | -            | -  | <del>                                     </del> | <del> </del>                                     | <u> </u>   | ╁  |                 |   |                        | 71       | $\vdash$   |          |          |          |           |            | -+            |          | -          |          | 121      | -        | $\dashv$ | $\dashv$ | $\dashv$  |          | -              | _              |          |   |
|  | 22       | F  | _        | <del> </del> |  |  | <u> </u>   | ٠.   |  |                 |   |                        | 72       |  |          |          |          | $\exists$ | -          | $\dashv$      |          | $\dashv$   |          | 122      | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |          | -              |                | $\dashv$ |   |
|  | 23       |  |          |              | T  | t  | H  |  |  |                 | · |                        | 73       | _  | -        |          |          |           |            | $\dashv$      | $\dashv$ | $\dashv$   | -        | 123      |          | +        | $\dashv$ | $\dashv$  | $\dashv$ |                | $\dashv$       | _        | - |
|  | 24       | $\vdash$   |          |              |  | ╁  |  | 1  | 1  |                 |   |                        | 74       | ┢  | -        | _        |          | -         | _          | $\dashv$      | 一        | $\dashv$   | <u> </u> | 124      |          | -        | -        | $\dashv$  |          | H              | $\dashv$       |          |   |
|  | 25       | _  | _        | -            | <u> </u>   | $\vdash$   |  |  | <u> </u>   |                 |   |                        | 75       |  | -        | _        | _        |           | $\dashv$   | $\dashv$      | <b>-</b> | $\dashv$   |          | 125      |          | -        | -        | -         | $\dashv$ | Ħ              | $\dashv$       | $\dashv$ |   |
|  | 26       |  |          |              | $\vdash$   | ┢  | $\vdash$   | $\vdash$   | ╁  | -               |   |                        | 76       |  |          |          |          |           | _          | $\Rightarrow$ | _        | = _        | <u> </u> | 126      | _        | =        | =        | =         | =        | =              | -              | =        |   |
| $\vdash$   | 27       |  |          |              |  |  | ┢  |  | <del> </del>                                     | ==              |   |                        | 77       |  |          |          |          |           | 1          | $\dashv$      | 1        |            |          | 127      |          | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ |                | -              | $\dashv$ |   |
|  | 28       |  |          |              | $\vdash$   |  | $\vdash$   | -  | $\vdash$   |                 |   |                        | 78       |  |          |          |          | _         | -          | +             | _        |            |          | 128      |          | $\dashv$ | $\dashv$ | -         | -        |                | ᅱ              | -        |   |
|  | 29       |  | -        |              | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   |  |                 |   |                        | 79       | _  |          | $\neg$   | _        | $\neg$    | _          | $\dashv$      | $\dashv$ |            | <u> </u> | 129      | -        | $\dashv$ | ┪        | ┪         | $\dashv$ |                | ┪              | $\dashv$ |   |
|  | 30       | -  |          |              |  |  |  | ┢  |  |                 |   |                        | 80       | _  |          |          |          | $\dashv$  | _          | $\dashv$      | _        |            |          | 130      | .        | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | _              | ┪              | $\dashv$ | _ |
|  | 31       |  |          |              | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | ┢  | _               |   |                        | 81       |  |          |          |          |           | 1          | $\dashv$      | _        | -          | $\vdash$ | 131      | $\dashv$ | $\dashv$ | $\dashv$ | H         | $\neg$   |                | $\dashv$       | $\dashv$ |   |
| <b>-</b>   | 32       | -  |          | $\vdash$     |  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   |                 |   |                        | 82       |  |          |          |          |           | -          | $\dashv$      | _        | -          |          | 132      | -        | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | <del>-  </del> | <del></del> †  | -        |   |
| <b>—</b>   | 33       |  |          | $\vdash$     | <u> </u>   | ┢  |  | ┼  | -  | $\vdash$        |   | -                      | 83       |  |          |          |          | $\dashv$  | _          | +             | _        |            |          | 133      | _        | +        | _        | -         | $\dashv$ | -              |                | $\dashv$ |   |
|  | 34       |  | Н        |              | _  | $\vdash$   | $\vdash$   | <del>                                     </del> | <del>                                     </del> | Н               |   |                        | 84       |  |          | $\vdash$ | -        |           | $\dashv$   | -             |          | $\dashv$   |          | 134      | $\dashv$ | $\dashv$ | -        | ᅱ         | -        | $\dashv$       | <del>-  </del> |          | - |
| $\vdash$   | 35       |  | Н        |              |  |  | $\vdash$   | $\vdash$   | $\vdash$   |                 |   | <b></b>                | 85       |  | H        | $\vdash$ |          | $\vdash$  | _          | +             | -        | $\dashv$   |          | 135      | $\dashv$ | +        | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$       |                |          |   |
|  | 36       |  | Н        | $\vdash$     |  |  | $\vdash$   | <del>                                     </del> | <del>                                     </del> | $\vdash$        |   | <b>—</b>               | 86       | Н  | H        | $\vdash$ |          | $\vdash$  | _          | $\dashv$      | _        | $\dashv$   | <b></b>  | 136      | 十        | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | -              | 1              | -        | _ |
|  | 37       | П  | Н        | $\Box$       | Н  |  |  | $\vdash$   | $\vdash$   |                 |   |                        | 87       |  | Н        | $\vdash$ | H        |           | +          | $\dashv$      | $\dashv$ | $\dashv$   |          | 137      | 一十       | _        | -        | ᅱ         | $\dashv$ | $\dashv$       | _              | $\dashv$ | _ |
| -  | 38       |  | -        | -            | $\vdash$   |  | $\vdash$   | t  |  |                 |   | $\vdash \vdash$        | 88       | Н  | $\vdash$ | $\vdash$ | $\vdash$ | $\dashv$  | 7          | $\dashv$      | -        | $\dashv$   | -        | 138      | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | _        | 7              |                |          |   |
| <del>-</del>                                     | 39       |  | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$   | 1  | <u> </u>   | $\vdash$   | H               |   | H                      | 89       |  | H        | $\vdash$ |          |           | -          | $\dashv$      | $\dashv$ | $\neg$     |          | 139      | +        | +        | $\dashv$ |           | $\dashv$ | $\dashv$       | -              | $\dashv$ |   |
| <del>                                     </del> | 40       |  | H        | т            | <del>                                     </del> | <del>                                     </del> | <del> </del>                                     | H  | <u> </u>   | H               |   | $\vdash$               | 90       | H  | H        | H        |          |           | +          | +             | +        |            |          | 140      | $\dashv$ | +        | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$       | $\dashv$       | .        |   |
| <u> </u>   | 41       | $\vdash$   |          | $\vdash$     | $\vdash$   | $\vdash$   |  | $\vdash$   |  | $\vdash$        |   |                        | 91       |  | Н        | $\vdash$ |          | $\dashv$  | -          | $\dashv$      | $\dashv$ |            |          | 141      | +        | $\dashv$ | $\dashv$ | $\dashv$  | ᅥ        | -              | $\dashv$       | -        |   |
| <u> </u>   | 42       |  |          | $\vdash$     |  |  | $\vdash$   | t  | $\vdash$   | $\vdash$        |   | $\vdash$               | 92       | <del>                                     </del> | $\vdash$ | -        |          | -         | $\dashv$   | +             | $\dashv$ | $\dashv$   |          | 142      | $\dashv$ | $\dashv$ | $\dashv$ | -         | +        | $\dashv$       | $\dashv$       | $\dashv$ |   |
| $\vdash$   | 43       | $\vdash$   | $\vdash$ | -            |  | <del> </del>                                     | $\vdash$   | $\vdash$   |  | H               |   | $\vdash \vdash$        | 93       |  | $\vdash$ |          | -        | -         | $\dashv$   | $\dashv$      | $\dashv$ | $\dashv$   |          | 143      | _        | $\dashv$ | $\dashv$ |           | $\dashv$ | $\dashv$       | $\dashv$       | $\dashv$ |   |
| $\vdash$   | 44       | <del>                                     </del> | $\dashv$ |              | -  | -  | <del>                                     </del> | $\vdash$   | <del>                                     </del> | $\vdash$        |   | $\vdash$               | 94       | $\vdash$   | $\vdash$ |          | _        | -         | -+         | -             | -        | $\dashv$   |          | 144      | $\dashv$ | +        | $\dashv$ | $\dashv$  | -+       | +              | $\dashv$       | $\dashv$ | _ |
| <del>                                     </del> | 45       | -  | $\vdash$ | $\vdash$     | $\vdash$   | <del>                                     </del> | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash \vdash$ |   | $\vdash$               | 95       | $\vdash$   | $\dashv$ | $\vdash$ | $\vdash$ | $\dashv$  | -+         | +             | $\dashv$ | $\dashv$   |          | 145      | $\dashv$ | $\dashv$ | -        | ┰         | $\dashv$ | $\dashv$       | $\dashv$       | ᅱ        |   |
| <del>                                     </del> | 46       | $\vdash$   |          | -            |  | $\vdash$   |  | t  | $\vdash$   | Н               |   | $\vdash \vdash$        | 96       | -  | $\vdash$ | $\vdash$ | $\vdash$ | $\dashv$  | $\dashv$   | $\dashv$      | $\dashv$ | $\dashv$   |          | 146      | $\dashv$ | $\dashv$ | $\dashv$ |           | +        | $\dashv$       | $\dashv$       | $\dashv$ |   |
| <u> </u>   | 47       | Н  | $\vdash$ |              | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | H               |   |                        | 97       | -  | $\dashv$ |          | $\dashv$ | $\dashv$  | $\dashv$   | $\dashv$      | $\dashv$ | $\dashv$   | -        | 147      | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$       | $\dashv$       | $\dashv$ |   |
| l —  | 48       | H  |          |              |  | $\vdash$   | $\vdash$   | H  | Н  | H               |   | $\vdash \vdash \vdash$ | 98       |  | $\vdash$ |          | -        | $\dashv$  | $\dashv$   | $\dashv$      | $\dashv$ | $\dashv$   |          | 148      | $\dashv$ | $\dashv$ | $\dashv$ | ┪         | -        | $\dashv$       | $\dashv$       | $\dashv$ |   |
| <u> </u>   | 49       | Н  |          | -            |  | Ι-   | <del>                                     </del> | $\vdash$   | <del>                                     </del> | H               |   | $\vdash$               | 99       | <u> </u>   | $\dashv$ | -        |          |           | $\dashv$   | +             | -        | $\dashv$   | $\vdash$ | 149      | $\dashv$ | $\dashv$ | -+       | -         | -+       | $\dashv$       | $\dashv$       | 一        |   |
|  | 50       | Н  | $\vdash$ |              |  | $\vdash$   | <del>                                     </del> | <u> </u>   |  | Н               |   |                        | 100      | -  | Н        | $\dashv$ |          | $\dashv$  | _          | $\dashv$      | +        | $\dashv$   | <u> </u> | 150      | $\dashv$ | $\dashv$ | $\dashv$ |           | -        | $\dashv$       | $\dashv$       | $\dashv$ |   |